

AMENDMENTS TO THE SPECIFICATION

- 1) Please add the following heading and paragraph below the title of the application on page 1:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a U.S. National Phase Application of International Patent Application No. PCT/GB2005/000362, filed February 3, 2005, which claims priority to Great Britain Application No. 0402344.6, filed on February 3, 2004, the disclosures of which are incorporated herein in their entirety.

- 2) Please add the heading "FIELD OF ART" on page one of the application before the paragraph that begins "This invention relates to an optical pulse regenerator in particular . . ."
- 3) Please add the heading "BACKGROUND" on page one of the application before the paragraph that begins "With known optical fibre communication systems . . ."
- 4) Please add the heading "SUMMARY" on page two of the application before the paragraph that begins "According to a first aspect of the invention . . ."
- 5) Please add the heading "BRIEF DESCRIPTION OF THE DRAWINGS" on page five of the application before the paragraph that begins "Embodiments of the present invention will now be described in detail . . ."
- 6) Please add the heading "DETAILED DESCRIPTION" on page six of the application before the paragraph that begins "Referring to Figure 1 there is shown an optical pulse regenerator 10 . . ."